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SEQUENCE LISTING

<110> Sirna Therapeutics, Inc.
McSwiggen, James
Beigelman, Leonid

<120> RNA Interference Mediated Inhibition of Alzheimer's Disease Using
Short Interfering Nucleic Acid (siNA)

<130> 400/120 (MBHB02-728-B)

<140> US 10/607,933
<141> 2003-06-27

<150> PCT/US 03/04710
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<210> 699
<211> 21
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<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic

<220>
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<222> (1)..(19)
<223> n stands for any nucleotide wherein any pyrimidine nucleotide present is
2'-Fluoro and any purine nucleotide present is 2'-Deoxy

<220>
<221> misc_feature
<222> (20)..(20)
<223> Phosphorothioate 3'-Internucleotide Linkage

<220>
<221> misc_feature
<222> (20)..(21)
<223> n stands for any nucleotide

<220>
<221> misc_feature
<222> (21)..(21)
<223> 3'-3 attached terminal glyceryl moiety

<400> 699

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nnnnnnnnnn nnnnnnnnnn n

21

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<220>
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<220>
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<223> 5'-3 attached terminal deoxyabasic moiety

<220>
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<223> 3'-3 attached terminal deoxyabasic moiety

<220>
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<222> (1)..(19)
<223> ribonucleotide unmodified or modified as described for this sequence

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21

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<212> DNA
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<220>
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<220>
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<223> Phosphorothioate 3'-Internucleotide Linkage

<220>
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<220>
<221> misc_feature
<222> (21)..(21)
<223> 3'-3 attached terminal glyceryl moiety

<400> 701
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21

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<210> 702
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<212> DNA
<213> Artificial Sequence
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<220>
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<223> 2'-deoxy-2'-fluoro

<220>
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<222> (2)..(2)
<223> 2'-O-Methyl

<220>
<221> misc_feature
<222> (3)..(3)
<223> 2'-deoxy-2'-fluoro

<220>
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<222> (4)..(5)
<223> 2'-O-Methyl or 2'-deoxy-2'-fluoro

<220>
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<223> 2'-deoxy-2'-fluoro

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<222> (9)..(10)
<223> 2'-deoxy-2'-fluoro

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<223> 2'-O-Methyl

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<222> (12)..(14)
<223> 2'-deoxy-2'-fluoro

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<220>
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<220>
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<222> (18)..(19)
<223> 2'-deoxy-2'-fluoro

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<400> 702
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21

<210> 703
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<212> DNA
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<220>
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<220>
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<220>
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<223> 3'-3 attached terminal glyceryl moiety

<400> 703
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<210> 704
<211> 21
<212> DNA
<213> Artificial Sequence

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<220>
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<220>
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<220>
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<223> 2'-O-Methyl or 2'-deoxy-2'-fluoro

<220>
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<222> (6)..(7)
<223> 2'-O-Methyl or 2'-deoxy-2'-fluoro

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<223> 2'-O-Methyl or 2'-deoxy-2'-fluoro

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<220>
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<400> 704
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<210> 705
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<212> DNA
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<220>

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<223> Description of Artificial Sequence: Synthetic

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<223> 2'-O-Methyl

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<220>
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<400> 705
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<210> 706
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<213> Artificial Sequence

<220>
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<220>
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<222> (21)..(21)
<223> 3'-3 attached terminal deoxyabasic moiety

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<220>
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<222> (2)..(2)
<223> 2'-deoxy

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<220>
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<222> (4)..(5)
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<220>
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<222> (6)..(7)
<223> 2'-deoxy-2'-fluoro

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<220>
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<222> (16)..(16)
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<220>
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<222> (18)..(19)
<223> 2'-deoxy-2'-fluoro

<220>
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<222> (6)..(7)
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<400> 707
cauggcgcc aucgugcct t
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<210> 708
<211> 21
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<213> Artificial Sequence

<220>
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<223> 2'-O-Methyl

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<223> Phosphorothioate 3'-Internucleotide Linkage

<220>
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<220>
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<210> 709
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<213> Homo sapiens

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21

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